

Mathematics - CIP 27.0101

1999 - 2000 TRANSFER FRAMEWORK: Requirements of the Sending Institution
33 hour General Education Component + 15 hours Institutional General Education
Requirement + 12 hour Specialty Component = 60 hour Transfer Framework

Introduction

A degree such as BA or BS listed under the institutional abbreviation indicates the university offers a baccalaureate degree in the program. You can begin the program by completing the transfer framework at any college or university for which courses are listed. For additional information, consult your academic advisor and institutional catalogs. Courses listed for the community colleges may not be offered at every location. Contact the college you plan to attend regarding availability of specific courses.

Program Notes

An 'M' below indicates that a minor, or second major, or area of concentration outside the major is required.

Program Notes

A 'T' below indicates that teacher education certification in this program is available.

| EKU | KSU | MOSU | MUSU | NKU | UK | UL | WKU | KCTCS CCs |
|--------|--------|--------|-----------|----------|-----------|-----------|----------|-----------|
| BS (T) | BA (T) | BS (T) | BA/BS (T) | BS (M,T) | BA/BS (M) | BA/BS (M) | BA (M,T) | |

General Education Transfer Component - 48 hours

Complete the General Education Transfer Component according to the general education requirements for this major at the sending institution, unless specific courses are listed below. General Education courses may also count toward the major, or a minor, or a second major.

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|---|--|--|--|--|--|--|--|--|
| Written Communications - 6 hrs | | | | | | | | |
| Oral Communication - 3 hrs | | | | | | | | |
| Humanities - 6 hrs | | | | | | | | |
| Behavioral/Social Sciences - 9 hrs | | | | | | | | |
| Mathematics (Minimum College Algebra) - 3 hrs | | | | | | | | |
| Natural Sciences - 6 hrs | | | | | | | | |
| Other General Education Requirements - 15 hrs | | | | | | | | |

Specialty Transfer Component - 12 hours

All of the requirements of the Specialty Component blocks must be fulfilled, even when the blocks total more than 12 hours. At most institutions, the additional hours will be used for part of the General Education requirements.

| | | | | | | | | | |
|---|----------|----------|------------|----------|---------------------------|---------|-----------|-----------|---------|
| Calculus I - 4-5 hrs | MAT 124* | MAT 131* | MATH 175* | MAT 250* | MAT 120* or (121* & 122*) | MA 113* | MATH 205* | MATH 126* | MA 113* |
| Calculus II - 3-5 hrs | MAT 224* | MAT 132 | MATH 275^* | MAT 308* | MAT 220* | MA 114* | MATH 206* | MATH 227 | MA 114* |
| Calculus III - 3-5 hrs | MAT 225 | MAT 231 | MATH 276* | MAT 309* | MAT 320 | MA 213 | MATH 301* | MATH 327 | MA 213* |
| OPTION I: Linear Algebra - 3 hrs | MAT 214 | MAT 307^ | MATH 301* | MAT 335 | MAT 225 | MA 322 | MATH 325 | MATH 307 | |
| OPTION II: Differential Equations - 3 hrs | | MAT 232 | MATH 363* | | MAT 325 | MA 214 | | MATH 331 | MA 214* |

* Course meets general education requirements. Applicability of the course to specific general education requirements may vary depending on program requirements and institutional policies.

^ Course has a prerequisite not included in the framework.